Automic Group Data Science Intern Assignment

Part One:

Please write a python program to retrieve the list of all countries from https://uat-web.automic.com.au/er/public/api/countries store them into a CSV file.
The CSV file header format should be **country_name**, **iso_code_2**, **iso_code_3.**

The CSV file name should be unique, such as country_<20210213>_<130012>.csv, which indicates the file was generated at 13:00:12 13/02/2021

Please also:

1. Describe how you are planning to test above program (such as unit testing, integration testing)
2. Please complete this section in TWO hours.

Part Two:

We have an airline safety ranking table in our database, the table contains following data:

Airline	Ranking
Air New Zealand	8.90
Qantas	8.70
Japan Air Line	8.53
Cathay Pacific	7.73
….	….

Your task is to construct SQL query (select only) to fetch the 2nd highest ranking airline (assume the ranking values and airline names are all unique).

Submission

Please zip your source code with README and any technical design documents and send to careers@automicgroup.com.au . If you have any questions about this assignment, please send enquiry to assignments@automicgroup.com.au

Sydney

Level 5, 126 Phillip Street
Sydney NSW 2000

Perth

Level 2, 267 St Georges Terrace
Perth WA 6000